

## ABSTRACT

A compact and light flying head type magneto-  
5 optical head apparatus is provided. The magneto-optical  
head apparatus (1) of the present invention comprises a  
suspension (12) whose one end is fixed to a lower surface  
of an arm (11), a slider (13) fixed to a free end of the  
suspension (12), and a magnetic modulation coil (14) and  
10 an object lens (15) mounted on the slider (13). The  
slider (13) mounted with the magnetic modulation coil  
(14) and the object lens (15) floats due to a wind  
pressure caused by rotation of an MO disk (3). The  
magneto-optical head apparatus (1) is further provided  
15 with a collimeter lens (21) between a light source (71)  
and the object lens (15) in a hybrid optical apparatus  
(7) provided to the arm (11), and a position of the  
collimeter lens (21) can be adjusted vertically along an  
optical axis O-O by a collimeter actuator (23), so that  
20 optical conditions between the light source (71) and the  
object lens (15) are improved.